

1 What is claimed is:

- 2 1. Computer peripheral comprising:
3 at least one element supported for motion;
4 an electromechanical mechanism for moving the moveable element; and
5 circuitry for providing a shaped input to the electromechanical mechanism to move the
6 movable element along a desired trajectory.
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8 2. The peripheral of claim 1 in which the desired trajectory results in maximum speed.
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10 3. The peripheral of claim 1 wherein the desired trajectory results in quiet operation.
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12 4. The peripheral of claim 1 wherein the desired trajectory results in vibration-reduced
13 operation.
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15 5. The peripheral of claim 1 wherein the desired trajectory reduces unwanted frequencies.
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17 6. The peripheral of claim 1 further including a sensor responsive to the dynamic response of
18 the peripheral.
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20 7. The peripheral of claim 6 wherein the sensor is an accelerometer.
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22 8. The peripheral of claim 6 wherein the sensory is a microphone.
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24 9. The peripheral of claim 6 wherein an output from the sensor is used by the circuitry to
25 provide the shaped input.
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27 10. The peripheral of claim 1 wherein the peripheral is a printer.
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29 11. The peripheral of claim 1 wherein the peripheral is a scanner.
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31 12. Computer peripheral comprising:
32 at least one element supported for motion;
33 an electromechanical mechanism for moving the moveable element;
34 circuitry for providing a shaped input to the electromechanical mechanism to move the
35 moveable element along a trajectory; and
36 a user interface allowing the user to select a desired trajectory.
37
38 13. the computer peripheral of claim 1 wherein the trajectory is quick, quiet, or in between.
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40 14. The peripheral of claim 1 wherein the trajectory suppresses unwanted frequencies.
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42 15. The peripheral of claim 1 wherein the desired trajectory is determined using Input
43 Shaping®.

16. The peripheral of claim 1 further including a sensor responsive to the dynamic response of the peripheral.
17. The peripheral of claim 12 wherein the peripheral is a printer.
18. The peripheral of claim 12 wherein the peripheral is a scanner.
19. The peripheral of claim 17 wherein the moveable element is a print head.
20. The peripheral of claim 17 wherein the moveable element is a paper feeding mechanism.